

ABSTRACT OF THE DISCLOSURE

5 An apparatus for collecting and redistributing a flow of a liquid descending in an
exchange column containing a layer of structured packing and having a longitudinal axis,
a cross-sectional area, and an inner wall having an inner perimeter, includes: a wall-flow
collector located above the layer of structured packing, the wall-flow collector having an
outer perimeter adjacent the inner perimeter of the inner wall and being adapted to
collect at least a portion of the liquid descending on or near the inner wall of the
10 exchange column; a transmission means for transmitting at least a portion of the
collected liquid collected by the wall-flow collector toward the longitudinal axis a
substantial distance across the cross-sectional area of the exchange column; and a
dispensing means for dispensing at least a portion of the portion of the collected liquid
from the transmission means to the layer of structured packing.

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